

451—473

ALWAYS BRING THIS BOOK.



HEALTH
BY
GOOD LIVING.

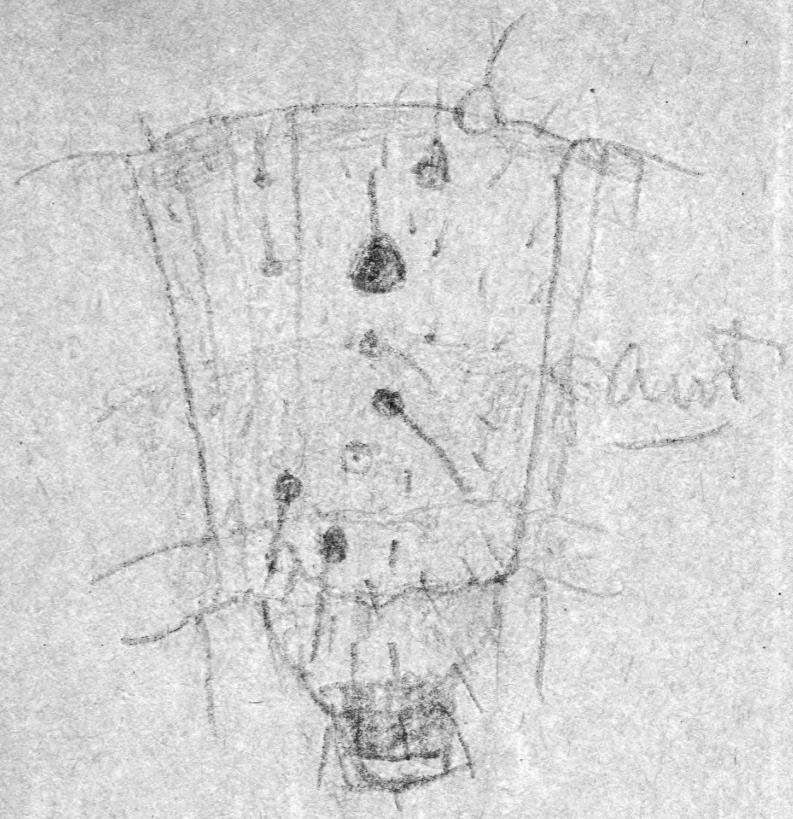
Mr H. G. Dyer.

AN ACCOUNT WITH

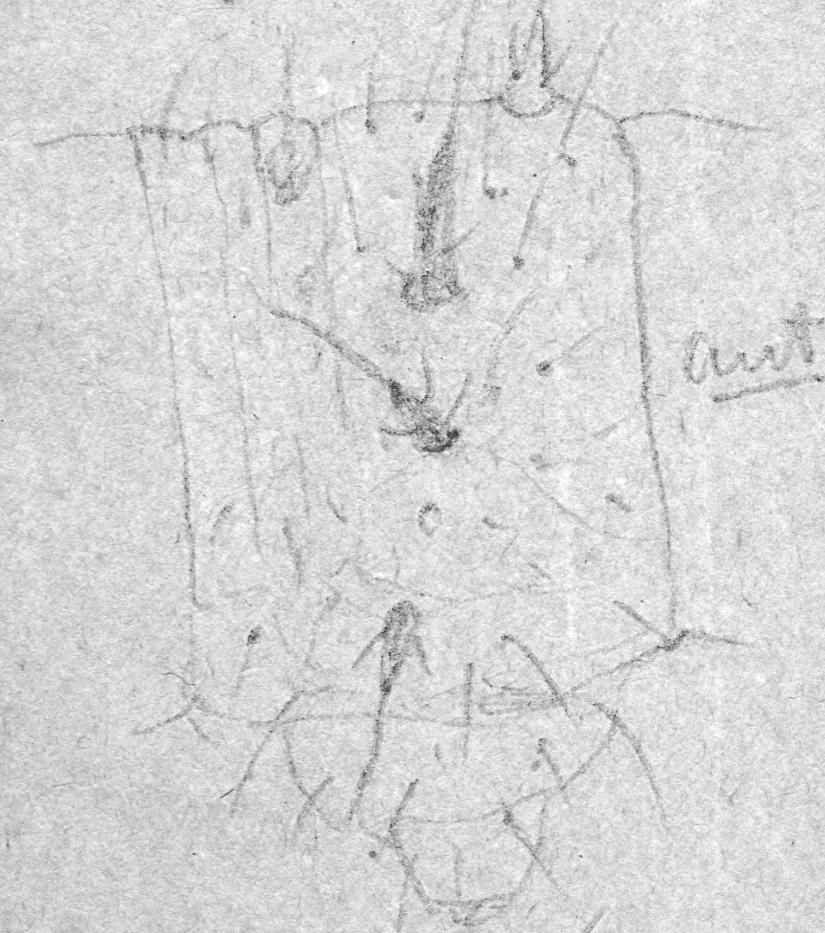
J. L. BREWER,
DEALER IN
CHOICE BEEF,

Meat, Lamb, Veal, Pork,
HAMS, BACON, CORNED BEEF,
TONGUES, &c.

POULTRY AND GAME
IN SEASON.



Acarus anticus
Stage II



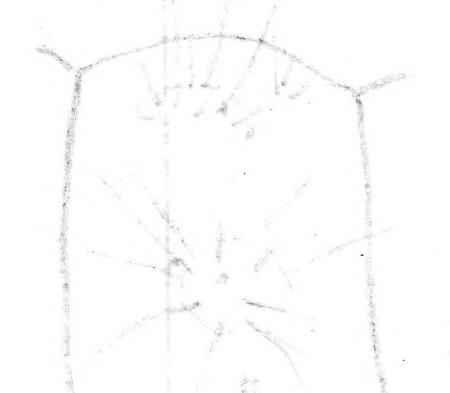
Stage III

July 3	3 rd Black 25	188.
7	2 nd Old Black 25	231
11	2 nd Old 5 p 25	68
	2 nd Black 25	56
14	Off Buff 25	219
17	2 nd Black 25	55
	Black 25	35
25	8 th Barnard 25	160
28	10 th Old Purple 25	168
	24 th Old 25	100
		11.70

90.00

10.00

Total Drift 6.90



Cephaelis

Aur.

Fls.

Cephaelis difinta St I
Keene Valley, N.Y.
June 24, 1894

(452)

Aug. 1	1/2 Chit p 25	38
	1/2 Chit p 25	44
4	1/2 Chit p 25	188
6	1/2 Chit p 25	38
8	2 Chit 25	50
	1/2 Chit p 25	38
11	2 Chit p 25	50
12	2 Chit p 25	50
15	5 Lamb 22	110
18	2 Chit p 25	50
	1/2 Chit p 25	44
22	2 Chit p 25	56
25	1/2 Lamb 22	16
29	2 Chit p 25	63
		9.35

Ant & segment of Schizaea unicornis (1) stage I on bagel, Keene Valley, N.Y.
June 26, 1894
(See BB 391)

Sept 1	6 Chit p 25	138
5	1/2 Chit p 25	38
	2 Chit p 25	69
	Chit p 25	25
	2 Chit 25	50
18	5 Lamb 22	126
	6 Chit 20	130
19	6 Chit 22	143
22	2 Chit 20	50
26	5 Out 20	40
15	1/2 Chit p 25	31
	2 Chit p 25	69
29	4 Chit p 25	60
		9.69

Ctenucha virginica
hatched from

Ant. Yellow Spots on
like egg on a
bush. Keene Valley,

May. June 23, 1894
BB 452

Blue Book

451

Egg of *Hypenax aurva* in oak form
In J. Doll seed June 22, 1898. Nearly
spherical but with flattened base
slight shining, covered with narrow
regular hexagonal reticulum
which become smaller & irregular
and faint, with minute dots
at the junction (use higher power) d. 9 mm.
Hatch. June 23 Hd rounded, a little
bulging at ocelli and veins, each
lobe, pale brown shiny w.
bases of 3 enlarged, forming slight
bumps in 5 and 12, setae long
pale glandular with drops at tip.
Body translucent yellowish feed all
dark red from the anal ones
elevated. Most of lateral area and
the whole of 5, 8 and 12 red brown
setae with large chitinous hornish
bases, 1 on ant of it, fleshy en-
largement, normal, is just as
want, (vi absent), elutin by Hafe

a tube like at vertex
each lobe

Park meadow but go on sick to molt
Wet June 26 Hd as in *ipomoeae* (BB
398 II) the tarses broad, rather light
brown, reducing the ground to rounded
spots. Molted as in *ipomoeae*, with
with punctate tips, but all are sub-
acute a seta; ii scarcely enlarged,
other normal. vi present, s-
abre 8 setae on ly plate, i an ² 5, 7
(9-16 small) and 12 black; m 3, 4, 6, 8
Hc/B yellow, the color extending
onto the legs esp. 2d but laterally
on II & III. The rest purple brown
finely mottled with paler. Bases of the
feet and foot on 7 dark; the feet
and feet 8-10 & 13 very pale. Molted
ii as v pale except on 5 and 7. Setae
more glandular, anal feed elevated
Toward end of stage the dorsal becomes
darker than the lateral giving a band
widening on 5, 7, 9-10 and 12. Sides of
2-4 dotted with bright white
When anal feet yellow.

the legs are often white tipped

Molt June 30 ~~so~~ slightly bloated by the
molt. Abdomen as before but rather
smoother. Pale yellowish, the ventral
bands on angle of lobes most distinct
the other enclosing little yellow patches
on median suture and giving the
appearance of a coarse reticulation
connecting the bands and repeated
on sides of head; tarsi all red-brown
finely mottled with yellow. W. 1.5±
tibiae elongated & produced, the
tip fuscate, one limb (usually the
shorter one) bearing the long glandular
setae & ii others enlarged, the rest
normal. In 5 or 6 there are slight
humps and in 9-11 this is less
enlarged than others. Color purplish
brown, finely mottled, sets of 3-4
pale and dorsal region darker
the darker shade incised by a
series of bright yellow triangular
patches including 1 and ii on joint
3, 4, 6, 8 (ranging in 9) 11 and 13

the one in 11 also enclosing the hind
with yellow spots ^{"out"} and the whole same
is imperfectly bounded with yellow w/
white, the latter extending to anal
feet feet and ventral from the first m
banded with brown. Tarsals almost
white or whitish except in dorsal band
setae dark, distinct, glandular,
Molt July 13 Same as first (desc July 17)
I. elongated, higher than wide but not
above 2 nor retracted, not bloated but
sutures rather deep. W. 3 mm band with
yellow but reticulated with white
bands of purple brown a few one being
one antenna & top of each lobe. Body
spinulated d. 5 or 12 tubercles; others red.
large & conspicuous, elsewhere very
small things; in 6-8 5 white, on
either side of tail; all other tubercles many
spars, setae dark moderately long
venter & legs purple brown dotted
with white; sides whitish green
to fine dotted with white & brown
the and shading into a bright
large, very very green, nearly yellow
green on sides of 2-4, the anterior tubercles
on 5 and 12 striped with red. A dark
brown dorsal, on 2-3; begins again on 5
and on 9 & 10, slightly increased on 6, 7 and
11 and tibiae; and in them marked

with yellow spots, ^{if only} and the whole same
so imperfectly covered with yellow or
white, the latter extending to basal
feet feet and ventral from the feet
lined with brown. Markings mostly
white or whitish except in dorsal band
setae dark, distinct, glandular.

Molt July 13 Same at first (desc July 17)
It crowded, higher than late but not
above 2 nor retracted, not lobed but
setae rather deep. w. 3 mm band white
with a yellow blot reticulated with whitish
rows of purple from a band one rung
from antenna to top of each tube. Body
pointed d. 5.12 tubules; then red.
large & conspicuous, elsewhere very
small things; in 6-8 to white, and
other distract; all other tubule mem-
brane spiculum, setae dark moderate long
venter & legs purple brown dotted
with white; sides whitish green
finely dotted with white & brown
and shading into a bright

green on 24. On 23 a d. purple
brown band, white dotted & bordered
with yellow. On 5 a white sd.
band marked with fine irregular
purple brown lines begin at hatch 1,
loops up to 1 on 12 and runs to
anal fork. The d. space then enclosed
is bright dark yellowish brown green
dotted with white with narrow
white d. line midrib. In 6 is
marked by a little white patch and
there is a S entanglement of sd. lines on 8
Anal feet pale outwardly, not used.
slender, gently divergent
[Beds of one and on side of the may become
wet giving a strong odor of HCl]
Some do not lose all the d down
which remain in varying patches
Turned black to July 22-24

the longer are often white tipped.

Most jaws 30 & slightly blotted by the. the m. m. II also enclosing the spinules
mid. tubercles as before but rather
small. pale yellowish, the ventral
lens at angle of lobe most distinct
the other enclosing little yellow patches.
on midline gutters and giving the
appearance of a cross reticulation
connecting the bands and repeated
on sides of head; bands all red-brown
purple, mottled with yellow. w. 1.5±
molars enlarged & produced, the
tip furcate, one limb (usually the
shorter one) bearing the long glandular
setae, ii second enlarged, the rest
normal. On 8 or there are slight
humps and on 9-11 the j. is less
enlarged than others. Color purplish
brown, jaws mottled. sides of 3-4
gills and dorsal rays darker
this darker shade incised by a
series of bright yellow triangular
patches including jaw ii on joints
3, 4, 6, 8 (rarely on 9), 11 and 13

feet pale, minor tipped, those on
8 & 9 a little pale than the others
and feet elevated. Setae dark, glandular
little later the sides of 2-4 become
green. The green appears first in the
green shade near the base & line
and shades downward. It also
appears at the sides of 11 and 12-13. Whole
lateral region becomes paler brown
Setae very distinctly glandular
~~July 5~~ July 5 Same as before, sides still glandular
but not very pronouncedly. Not all
have the greenish streaking
July 8. Hd higher than wide, elliptical, rounded
at tip not deep pale yellow with vertical
rows red brown bands in rear lobe,
mottled with pale, the space between
and behind bands reticulated with red
brown lines. w. mm Setae few but stout
the 2 at apex & below on each lobe especially
large. Roof leaf green, becoming yellowish
green on sides of 2-4, the anterior 2 tubercles
on 5 and 12 tipped with red. a dark
brown dorsal, on 2-3; begins again on 5
and on 8 & 9, slightly incised on 6, 8 and
11 and tubercles; and ii then mottled

[a *Ctenophora virginica* laid
eggs just like those on
June 24]

452 Enduanian? Laid in a patch eggs fully separated.
Octocentri, eggs on leaf which they
would not eat, but ate grass.

Rounded conoidal, higher than
hemispherical, base flat, diam. &
height 7 mm color bright yellow
surface finely but roughly reticulated
rather evenly and not much
smaller at the top. Scarce shiny
Holotus June 23 (see sketch for hatching
etc. vi present!!) Hd shiny black,
becoming pale below eyes. w. 4±
body whitish, tubercles large, black
with single long hairs, black, as
also all the feet.

MFT June 27 Narts many hained,
the hair spinulose, long overhanging
the extremities. Body pale, Hd.
and vent. black; a brown d and
superstig. stripe. Hair dark
a single very large transverse elliptical
wart sd on 3 and 4; it and v
small, vi large, a lot of hair

with distinct tubercles on leg.
MFT July 1 Hd shiny black, body
pale whitish with brown broken
d. and sv. shadings. Most
blackish, hair long, rather
fine. Black & white mixed. Some
long ones web hinging the hairs.
MFT July 7 (Abd. 75+) Hd shiny black
w 1±, Body appears grayish black but
is never considerably variegated with
pale among the hairs and in
several transverse streaks. Hair thick
yellow centrally. Black and white
mixed at the extreme, long and
web hinging some rather close
each black hair arise from 1 or
2 and 12

MFT July 14. Body black with sd and
lateral white line. Hair same but
longer, pencils on 5 and 12 more
distinct.

MFT July 23 same. sd white line
numerous and broken.

(86 ad 2.25)

May 4 beside the big black tree
perch at 6 feet or thereabouts.
I shot one from 10 to 11 feet
longer than the other birds. The
hair 5 1/2 inches, pale yellow,
2 1/2 inches broad. Legs mixed
with a few black feathers near
the joint. Big fat body flesh, a
few dark feathers on the sides

of hair not yellow as before
mixed with black on the back
part of the wings on sides and above

May 19 Hd 2 45 Saws red on the

bottom were 5 inches, white above
5-1/2 inches. Hair black,

May 12 Hd 2 45 As before
about 10 inches long.

May 18 Same as May 4 but
the appearance very
good white about equally

length Hd 2.0 mm. 1.9

May 21 Hd 1.93 black body
as before but the rear of all came
length from 5 1/2 inches
over the others being
the same length as the others
the tail 4 1/2 inches, all the
feathers yellow like the rest

Sussex - Oceanic
Sussex, England

flattened above and below (sealed) and except at the head. Under hatched from 22 pale greenish and the conical granules - bone thick covered with minute hairs as a transparent Y shape seta pale fuscate tips (see sketch) but thin on head have 3 but when 3d are very long and white. The body is dark brown with yellowish highlights. Sd hair confined to neck place. Body becoming yellowish through granulation at neck oblique lines deeper than those from glands water these white lines also raised, each conical with black dots still bears a Y shaped seta but yellow and thin bands about them in the densely granulated areas Y's broken and bent

July 4, 1911

most of the granulations yellowish red, some concolor all greenish yellow in the middle, others yellowish brown granulations.

at open base of the range. Saw eggs along upper side of road up
and higher up on the ridge between the two valleys. Saw no
birds. White, yellow or tan.
July 26 All Sparrows did not
return, Gambelins were all back
though in winter, the red parts
absent. Abreast. Abreast birds were
fewer, green above, the one
in view being few ill. The far and near
reddish, yellow at side. Most
were to white dark red border.
A series of birds who were found
and seen of in birds of various colors,
turning white, slightly
brown back and white
on wings. Dappled and yellow
than S.V.

Mallard July 26

eggs on upper side of road up
the hill. Saw them in valley May 9. Now is
the time. Saw them above.
 shiny, downy, like a
muscopis butted, small
a light brown, vated ridge
surrounded from which faded
the sun and the ridge was
red and red of the ridge
was also fading down and
was high down. The p
was flying forward 3 wings
and went in birds of various colors,
turning white, slightly
brown back and white
on wings. Dappled and yellow
than S.V.
Mallard July 26 in 20 miles
the ridge, with patches of
white. Cola white, a
blotched and a few in one
meantime had about the ridge
the edge of both sides of the
blotted from 27 Red face, looking
like a bat with white, white tail
and white on the ridge

and 3 from mouth of A. Canal
is well exposed, is very bad.
It is about (widest) 2 feet in
width, black, about
covered with the shadow
from trees, tapering towards
mouth. Feed all present, but
the last few old ones are
smaller than the others, but
12 quite thick. All have brownish
color & black, few white.

With the annual black
viperine, it's big but perfect
and the French want
them all day, and fair
and free would probably be
the best. No need to go to
Africa, they're plentiful here
in Africa, but I don't know
(Sheldrick)

the last days of a great
life had ended. She had
been much grieved.

green herbs, purple grapes,
leaves, I saw a wild life
which I did not know with
names and I could not
name them.

July 16 1918 - 1000 ft. (the 18)
IV - 1600 m. up the hill
Takao, N. P.
also 1000 ft. up the hill

the following day
was a very dull
late. At noon I cleaned
and left on the

Mr. Murphy 2nd part for - part

2, 8-10, 1000

September 12, 1961 601 601

the night so I had to fly
back to my hotel.

154B Nine red roosters on blackberry, eating
leaves. They follow me & go into a
thorned thicket, leaves entirely white
& distorted, 3d season, berries
still green & distorted. White dots
of tubercles small with a few
pointed awl points. The
feathers black, gold, white & black
scarcely enlarged, last 12 or 13 all
yellowish black. Same tail as black
birds before. The first black.

454 ~~WIT~~ ^{the} Sheld W. Newell, "A" - March
for some effort

455

300 ft. above very young
 short Populus tremuloides, lvs. with
 long petioles, up, broadest
 white, smooth. Water in
 green wood low bits not in
 fully the white color like much
 each other divide into two and
 continue up to the side, 28 cm. in
 diameter at transition line which
 also is over the tree when a
 shallow bottom, along old
 nearly smooth by the narrow
 end of the root system edges all
 rounded, slimy
Hatched purple little asper
 buds, all on the old branch.
 Red, dark by photo taken
 and by photo Macbride, etc
 dried dark. Leaves are
 from large nearly black ones
 (ribs) not so faint about

in the same district again.

July 10 1900

456

alike. It enlarged slowly
in pale body, pale pinkish
12 - 13 mm. long & feet
and apparently all alike
Wings very large bluish
with fine dots, normal
veins present. The tail of
and opposite back, faint white
fascia broad and the lines. Hd
black except a greenish patch ^{which} on side
of each fore and tibiae. W. of green
most of it shading green, w. 1.5 mm.
long, pink, tubercles black and white
and white streaks on tibiae
and on tibiae. The tibiae
black. The tarsus is a small
bit of blue, base of black & w. 3 mm. ±
long whitish paws, toward the distal
range band feet, tubercles large black
and long with w. 3 mm. black, whitish
lines, or all 7-8 mm. long pink
and black (one band on the anterior
and a red blotch on the hind limb
long pink)

Egg laid by Cuphamena maura right
June 23-6, 1900. 1894
Suspended by slender
tube which runs from one end to
another as though the egg were
free floating; still attached to the
slender stem upon which the last
not so much the usual tiny
tiny pale yellow stalk 1.6 mm.
long, w. 0.1 mm., etc. 82.6 x 6 mm.
Under the skin there are repre-
sented only by rather regular oblique
dents, just in front and at angles
to give shadows. The whole surface
is however finely, but distinctly
sharpened off with flattened
elevation all going separately
The suspending tube runs from the
bottom = sticky surface, and not
egg delicate, smooth easily
as a change to which often

July 19 ad 20m - all
+ last in which Juvets (broken 5, 7, 12)
+ 1 whole + 1 whole length of
long jawed but 457

Hatched with very long glabella and
twice with great regularity when "Adolescent" the antennae are popular
and the basal part of the mandibular l. 26 1894
in glabella 5 slugs. Ro. and upper still white the ventral surface
is entirely black and the legs black. They found under the
very segments around the head with light yellow brown in 5 and
then a clear setaceous fringe found near the mouth 12

short stiff, pointed Palps labrum; a few short hairs
and dark from black Red, red and white
tail l. said very small, concolorous with
the body, only the middle segment with
the bristles slightly darker greyish brown.

Antennae yellowish brown with
white, rather narrow base. 5.
(Retained at first and see) 10.

456 A female with eggs in abundance found in
the nest of black bellied flycatcher in old
maple tree pastime, Highland N.Y., June 30 1895
The pale orange and edge of the head and a line hair orange
hatched with yellowish brown across four pairs
and the rest of the body black and white
not well in detail)

Winged after 3-4 (Oval 2)
part, (B) 3th line for about one foot
step, (H) vent for 3-4 inches in l.

Length 10 mm. 4.0 mm
June 15 July 30, 1894 Cat no 11031

whitish not yellow-green like 445
and of the alpine slope

458

mid-lava stage I in a little
bowl in wilts

a piece cut out
of a cliff except
out. around base.

low grasses
with lava and
ash.

black lava & lava white

yellowish with pink
interwoven

interwoven with lava rocks

well lit. like this of stage 3
in Wilts a few days ago
was distinct, some red but
mostly the soft & crumbly.

459

Kitte Wouweng having a
pinkish tinge K. t. pink 448

pink 3-6 large oval pinkish

7-13 a small & short deep pink

pink. 2 pinkish and green

pink, pink fair pink, pink

pinkish. pinkish white
with faint green tinge, covered

black with lava white

yellowish with pink
interwoven

interwoven with lava rocks
like this of stage 3-4

in Wilts a few days ago
well lit pinkish

pinkish with distinct large white
pinkish

pinkish with distinct large white
pinkish

(Sh. 6.8)

460 = 257

Habrodon gracilis on Pinus at



Keene Valley N.Y. June 27, 1894. Spec. I. Hd. Juvenilis in v. 5, ill in II and for 12
days, anal fl. thorax very black, pale yellow line at
mid-dorsal black. Antennae strongly liber. vent.
thorax and head pale yellow like body except in blackish
dorsal spots (see fig. 4) exactly the same. Hd.
Stereominal, except for dorsal line for a few days
but in last three days) (see 257) for last three days)
dorsal and its area. Molt July 13. Hd 2 - same but
it is confined with it into the black dorsal spots
(see above). Head, head, 5 mm. (Hd. 4) all present (see BB 257)
teeth II ventral white, many hairs, 3. Molt July 21. Both ventral
and dorsal III + IV, mostly bare, VI present. L. 5.5 mm. Up to a number
2-3, large; may begin on leg plate + Molt July 28 (Sh. 6.4) new dorsal to
Hd. shiny black; 6.7 mm. 2 retracted ^(Sh. 6.5) Molt Aug. 8
2-3 small. Hd, pale yellow, white
black, hair scant, not concealing
body, though some long white ones
over hind end, black & white mixed
the black mostly from 5-12, i.e.

461

Thysanoescherichiae

Mycetophila, K. V.

Ant. May 28, 1898; n. p. in

Stage I in mud

Ant. swamp, n.

Ant. swampy s. i. ant.,

below a pool, 3 m. S. port, June V

S-V, nearly a line, in the highest of 2 sets, 1 below V the other 10.

Mud (1) a couple of feet in thickness & under separated sand and the VIII

[*] which is more or less like the which is more medioventral line

the segments. 10-11 ultimate & on 12 (fig) vi is clearly seen to be absent

but which is down not determined] as vii take over normally on the by

stage II roughly tubercles, III, IV are very taken whenever legs as in mature

adults represented by adult-like egg Elytob. placed in a little

water, which seems to represent case in the water, nearly herap

is smaller, with one above it, many wavy reticulate. Size .7 x .5 x .3 mm

secondary tubercles, with a few small ones

in a line across, a few just beyond

represent. Right 3d from the end of +

apparently represent secondary tubercles,

+ slight ones in 12 represent vii.

462

Thysanoescherichiae

nearly white

metrid on

ant. *Minnow leaf*.

Blue Valley, Mo.,

June 28, 1898.

Same animal, (vi

absent) in caught

in the other

Mud (1) a couple of feet in thickness & under separated sand and the VIII

[*] which is more medioventral line

the segments. 10-11 ultimate & on 12 (fig) vi is clearly seen to be absent

but which is down not determined] as vii take over normally on the by

stage II roughly tubercles, III, IV are very taken whenever legs as in mature

adults represented by adult-like egg Elytob. placed in a little

water, which seems to represent case in the water, nearly herap

is smaller, with one above it, many wavy reticulate. Size .7 x .5 x .3 mm

secondary tubercles, with a few small ones

in a line across, a few just beyond

represent. Right 3d from the end of +

apparently represent secondary tubercles,

+ slight ones in 12 represent vii.

W.M.H. 17 Like water lark

width of head 3 mm + 1/2 leg and
belly brown with S-V

when yellowish the tail black

as if in cold water the legs & toes
black and the upper yellow in

extremities 53 long. Found in

the same N.O. See BB77

(only a month or 414) a young

bird like it. See BB77

W.M.H. 24 See 23. The perch are

relatively numerous and about the same size though with an older boy

about 1000. width 3 mm + 1/2 leg and

belly brown with S-V

when yellowish the tail black

as if in cold water the legs & toes

black and the upper yellow in

extremities 53 long. Found in

the same N.O. See BB77

only a month or 414) a young

bird like it. See BB77

464

Water lark, hatched from eggs
on bog and ash
leaves while in

June 29 1894

Water lark hatched
into nest, II and

III with 10-12

brown, each with
several glands in

ecto. II and III in

relative number and about the same size though with an older boy

about 1000. width 3 mm + 1/2 leg and

belly brown with S-V

when yellowish the tail black

as if in cold water the legs & toes

black and the upper yellow in

extremities 53 long. Found in

the same N.O. See BB77

only a month or 414) a young

bird like it. See BB77

Impr June 23 1895 A. dactylinus

cat.no. 11579

(Plate 4)

Hesperome

17 = 23 = 465

false species

from hatching

so soon

but the

leaves at

Kear Valley

May 20 to 21

44 - Same as type, now brown, so
white with greenish tint & a slight red, distinct, though
central, brown streak, just below center (red).

45 - Same as above, but more yellow
green, not greenish, in the middle, though
central, but it is thin & over the green tint.

46 - Same as above, but more yellow
green, which causes other difference from the lateral aspect.

47 - Same as above, though greenish, now it
is behind, the

rest yellow greenish and brownish

is separate from those present on

plant, especially in spring.

466

Same yellow as on

from the last, and

Kear Valley, low

Hatched July 1894

100 mm -

as in other

stems in

44 - Same as type, now brown, so

white with greenish tint & a slight red, distinct, though

central, brown streak, just below center (red).

45 - Same as above, but more yellow

green, not greenish, in the middle, though

central, but it is thin & over the green tint.

46 - Same as above, but more yellow

green, which causes other difference from the lateral aspect.

47 - Same as above, though greenish, now it

is behind, the

rest yellow greenish and brownish

is separate from those present on

plant, especially in spring.

and same as before

467

Spilomera venusta

Kearny, N. J.

Hatched July 2 1894

Setae simple, with
pointed ends and
barbed in below

The spaces and
cells of the pattern,
if present, are

anewly hatched. Head pale,

to eyes, setae, eye and mouth

plate all black; body afterwards

I, IV and V

(Mabent.)

Head and leg plates scarcely colored
& body brownish-yellowish, no marks

on body.

Length 1.5 mm.

Width 0.5 mm.

Abdomen 0.8 mm.

Width 0.3 mm.

Length 1.2 mm.

Width 0.4 mm.

Length 1.3 mm.

Width 0.4 mm.

Spilomera venusta

fine setae, short

reddish brown

newly hatched

July 3 1894 from

Valley, N. J.

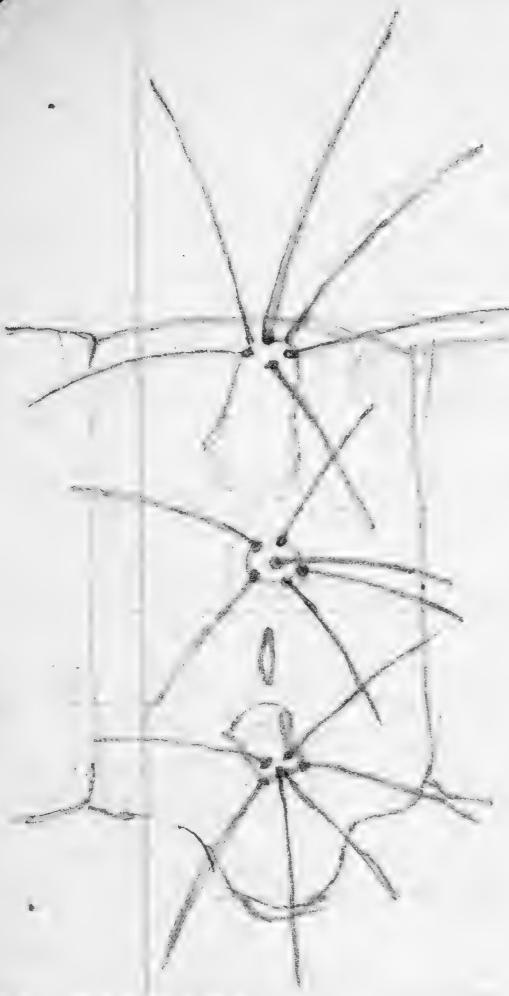
Tributary of

the Passaic,

Lower New Jersey

11 mm in black,

11 mm in white



469

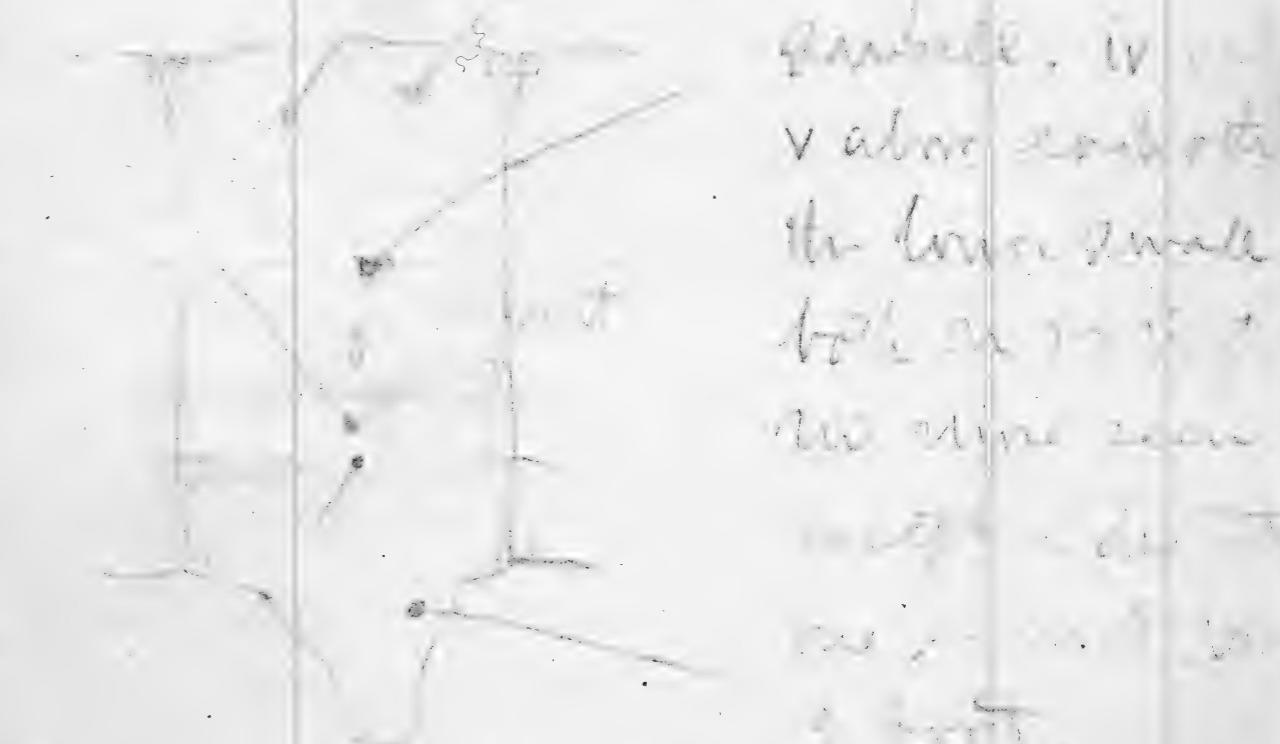
Telea polyphemus
on white brick at
Keene Valley, N.Y.;
hatched July 3, 1894.
about 12 sharp distinct longitudinal
ridges and wrinkles like *Nerita*, crossed by
apparently the full a great number of fine transverse
striae or lines not reticulated into cells
an entire loma (f) and scarcely flexing the apical (t-
whch tube note). No imparied dorsal line of the ridges at all. Scarcely
1-1 in 12 closer than in other eggs white, faintly greenish. .5 x .3 mm
then bases united, but not apex remote. died July 17 1, II, III normal, II
on 13, a pair on small plate (B pl.)
Only 3 rows anywhere except 3 and 4
when there are 4 (25%) ; in 13 only
two and in 17 four or five one.
~~and a few~~ three to four, 4 on 3 & 4

It is - 2 mm and on
slight ^{tail} more prot., a
number of hairs going
out dorsally in 3's. On 3 m
2 thin 8 d. hook-like. Below, *Craudia mutabilis*
curred and *Polydora* also -

470

^{upper face}

Egg of *Crangon* laid July 3, 1894 Keene
Valley, N.Y. Shape of a violin, a little
truncate at the two small ends with
about 12 sharp distinct longitudinal
ridges like *Nerita*, crossed by
a great number of fine transverse
striae or lines not reticulated into cells
an entire loma (f) and scarcely flexing the apical (t-
whch tube note). No imparied dorsal line of the ridges at all. Scarcely
1-1 in 12 closer than in other eggs white, faintly greenish. .5 x .3 mm
then bases united, but not apex remote. died July 17 1, II, III normal, II
being rather
small. IV
also smaller
than lower small
both on 13 &
the upper even
smaller than
the lower



Crangon mutabilis

John Miller

G-12
G-1814

47

Efflorescence occurs near middle &
base red, white brick, K. V. 1914
Rough base, no weathering

flat pinkish red, yellowish
bright blue, almost
sky blue, greenish
yellow

Latitude and Altitude

regular grid, where each individual cell is a single neuron etc - often the cells on the edge of the cells become mixed, just as in the skin.

and began to descend to the low pits
between them and ate off a side
leaf a little way off the main plant at
the base of leaf 2, step. It took a
long piece of the ~~leaf~~^{main} a midrib
and eat the whole leaf like this.

a. II had stiff stiffened
a smoky smoke smoke
smoky smoke smoke

59	1.54	2.48	4.0 (g. 62)
6	1.0	1.6	4.5

very marshy
valley bottom

Egg on white brick about June 22 1885. Fresh
pink, covered shiny, a little more pink
as ripe. Retained two months without re-
action upon oil but faded and brown.
All dimensions 1 mm. height 3. Shape very
near $\frac{2}{3}$ spherical. Wedge-shaped trichid
marks at base.

Hatched yolk part like 471 q.v.
yolk step II like 471 II

Egg on white birch July 22 1935. Fresh
white scented birch, a little more peachy
than apricot. Retained two narrow rather rep-
ulsive, waxy greenish bracts around each lobe,
all declined 1 mm. high at 7. Shape very
near $\frac{2}{3}$ spherical & lobe to much thickened
under at base.

Hatched July 1. just like 471 g.v.
July 12 On stage II Like 471 II



Dyar
3 West 99th St
Holland ~~City~~
N. Y.

46 June 1946

GJ 12
GJ 181

39.0 1.54 2.45 4.10 1.15
6.10 1.6 2.5 4.5

471

eff. edge of the green mud is
tapped hard with a brick. It is
broken up by hand so that it
flat and dry.

height of the brick
the blue-greenish

bottom of the brick is

regular brick size and looks

at first like regular

the brick edges are yellow

brown, flat brick

and it is broken

down to the bottom

and into a shallow pit

and into a side

leaf a little way off the

edge of the brick

it is broken

a smooth white shade

the brick is made

smooth, brown, brownish

in the lateral angle

after setting it down = Red
smooth for removal and then the
flat & by plate black, each one
broken and ^{dark} and fine.

very smooth

bottom of the brick will

very faintly seen on

flat and only

tiny specks pale red or

yellowish brown

flat. Leaf very

smooth and polished on

back and top, tapering and

downward, round and

leaf a little way off the

edge of the brick

green leaf fine

leaf green leaf fine

smoky spruce needles centered
in a large white circle. The
rest of the body is yellowish
grey-blue composed of oblique
parallel bands yellowish dashes.
Add small blue dashes red
white dashed greyish with Palla red fine
red immediately on front 13.

Front I had just 13 bands, rest of a band yellowish white
dashed black, 1.5 mm. long,
quench yellowish bright, others have 5 d. long; a row of white dots
black, the dusky transverse for lateral lines; a few yellow dots
Setae fine, short black, broken
hair white and absent. The legs
feet all used. Setae raised, pointed with smoky. Spruce leafs as
usual, 1600 seen; a line, many dish. The legs the thinnest
of all, 8-9 post, front (11 absent) covered with black at the joints
three or more on legs. Legs 1-4 cm. Spruce as white with black in
colours of the body. No anal plate the oblique lines yellow below
body & yellowish orange above black
fins, if 100 before it has eaten
anythin. Legs about 3 mm. 7 hairs on leg 1, one

other legs 3-4 mm. 7 hairs on leg 1, one
July 11 At light green, not shiny
behind the black belly, a dark
reddish band over the middle of side
ending in a blackish black band
containing with an oblique line in
mid which there are 5 black dots in
a band and another 3 at lateral line.
With Palla red fine, 0.25 mm. \pm Rest smooth
(the actual min to dark) Green with
a band yellowish white. A band
filled by with blackened; a series
of black, 0.5 mm. long,
quench yellowish bright, others have 5 d. long; a row of white dots
black, the dusky transverse for lateral lines; a few yellow dots
Setae fine, short black, broken
hair white and absent. The legs
feet all used. Setae raised, pointed with smoky. Spruce leafs as
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body & yellowish orange above black
fins, if 100 before it has eaten
anythin. Legs about 3 mm. 7 hairs on leg 1, one

~~The prob Hh 4 mm & held out flat
rounded head and flattened before
light green, a white line each side &
an almost fine palpi concepts stiff
to vertex each side a band of black
ocell runs back to end 3 na spic like Chrysos be retraced, segmen~~

our curving up post, snouty mouth deep and strong, so ridge prominent,
red, fading to yellowish on it lower side lame flattened, evenly rounded
body soft yellowish leaf green, turgid. Hair arise sparsely all over the
post, full plump, cylindrical. A body but indistinct, but especially
broad yellowish white abd. Muc. thin 2-3, lat and s-s areas
spine between filled in with reddish the forms of which are gathered
in 13; faint trace of a broken sd, and together into rather distinct units
2 or 3 broad yellow dots hind, and Hair about white, distributed, not
imperfectly. Dorsum faint white obscuring the body at all. So in a
shaded, again clear soft green whitish grey with a broad white
line feet reddish, black at tip. Abd. 3rd tan, and tubercles ① pale
orange bordered below with blackish, ^{petete}

Imags Aug 15 1894 Cat no 11040

Lophodonta ferruginea ♀

472

Egg and larva of Femorica tenuivittata
eating wolly lice on alder July 4th
Keen Valley, N.Y. Native Climate

lame retraced, segments

post, full plump, cylindrical. A body but indistinct, but especially

broad yellowish white abd. Muc. thin 2-3, lat and s-s areas

spine between filled in with reddish the forms of which are gathered

in 13; faint trace of a broken sd, and together into rather distinct units

2 or 3 broad yellow dots hind, and Hair about white, distributed, not

imperfectly. Dorsum faint white obscuring the body at all. So in a

shaded, again clear soft green whitish grey with a broad white

line feet reddish, black at tip. Abd. 3rd tan, and tubercles ① pale

orange bordered below with blackish,

D. spin whitish with dark narrow
^{white} dorsal line a faint white stig.

Line. Down from line adheses to it
parts appear to represent roughly
i, ii, iii and iv of v.

Giant larva all grayish (see alcohol)

~~egg laid singly under the lice in~~

~~the bark white (see shell in alcohol)~~

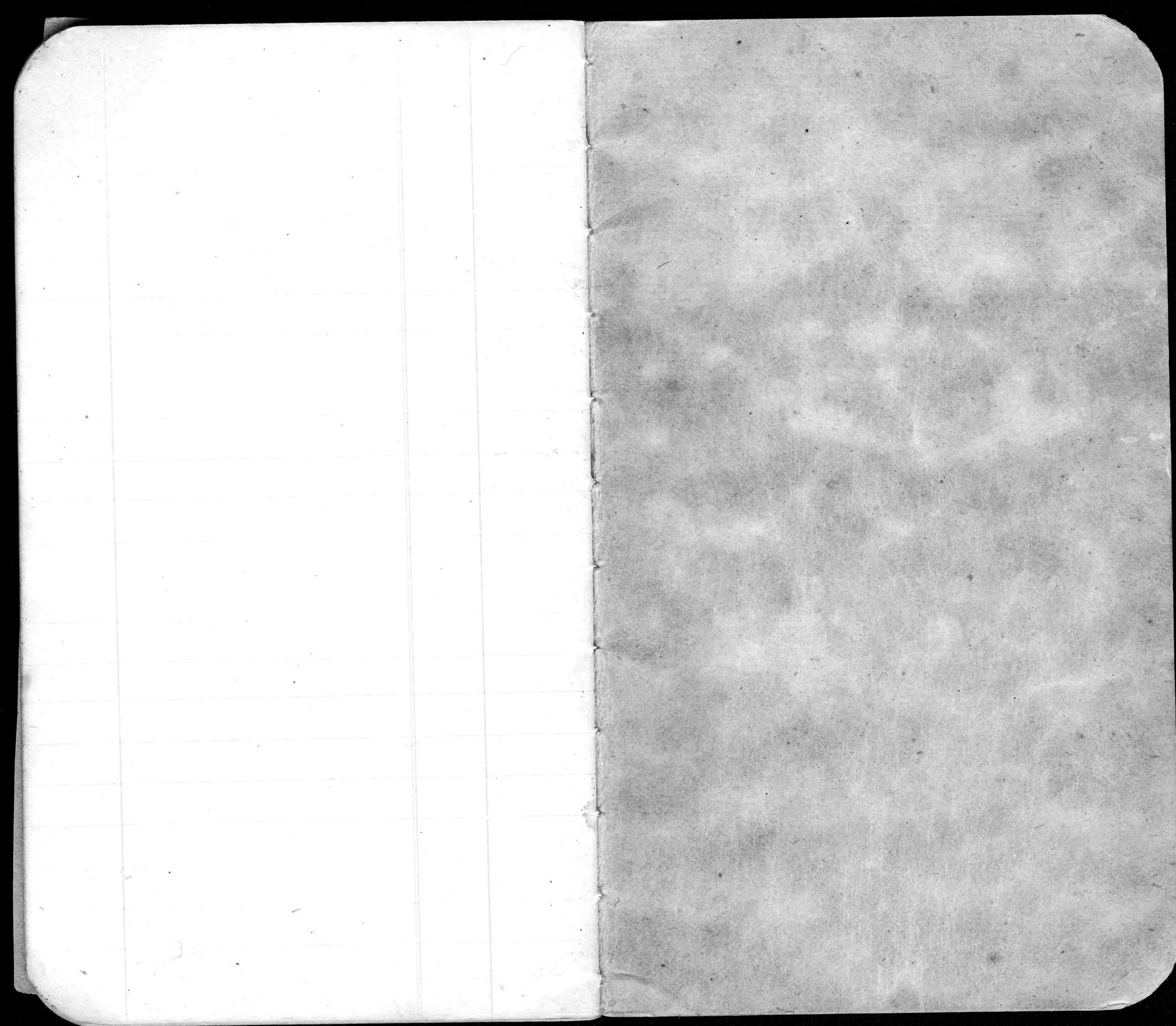
Hatched July 12 1898

white. Hd. tho.
ant feet, -th, anal base flat;
plates and
tubercles black
Setae brownish
darkened, the
primary ones

long; secondary much shorter
with smaller tubercles. A
curious little pore resembling a
sprout situated sd. below
tubercle i.

473

Two eggs on back of ^{white} brick, pale green
slimy, ^{more than} hemispherical with a slight
elevated ring around mucopyle;
Reticulations flat and narrow the
cells rather firm, become sparse
at mucopyle the very nitish
(vacuolated?) [use higher power] Aug 4 1898
(died)



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